

FIG. 1A

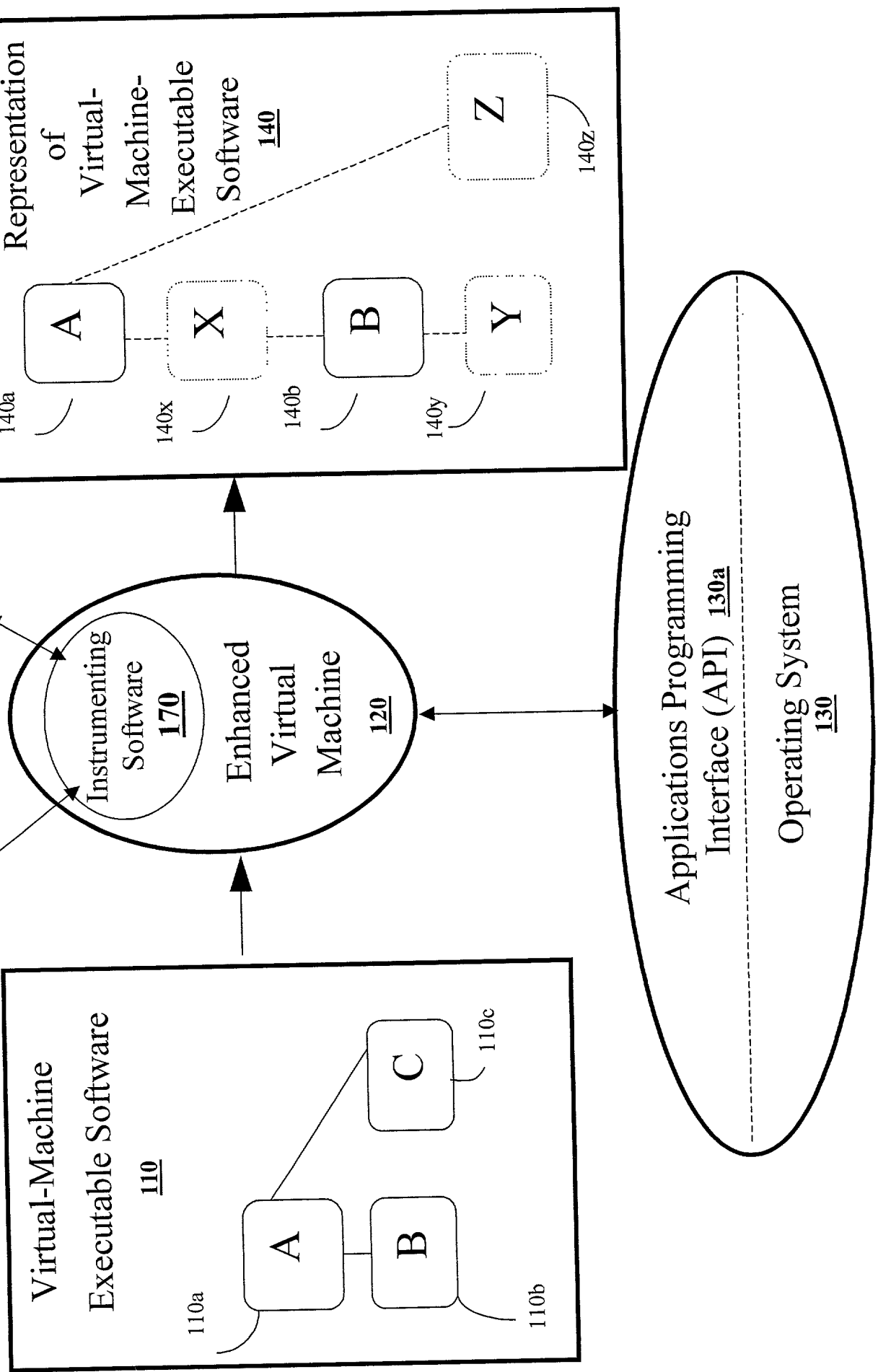


FIG. 1B

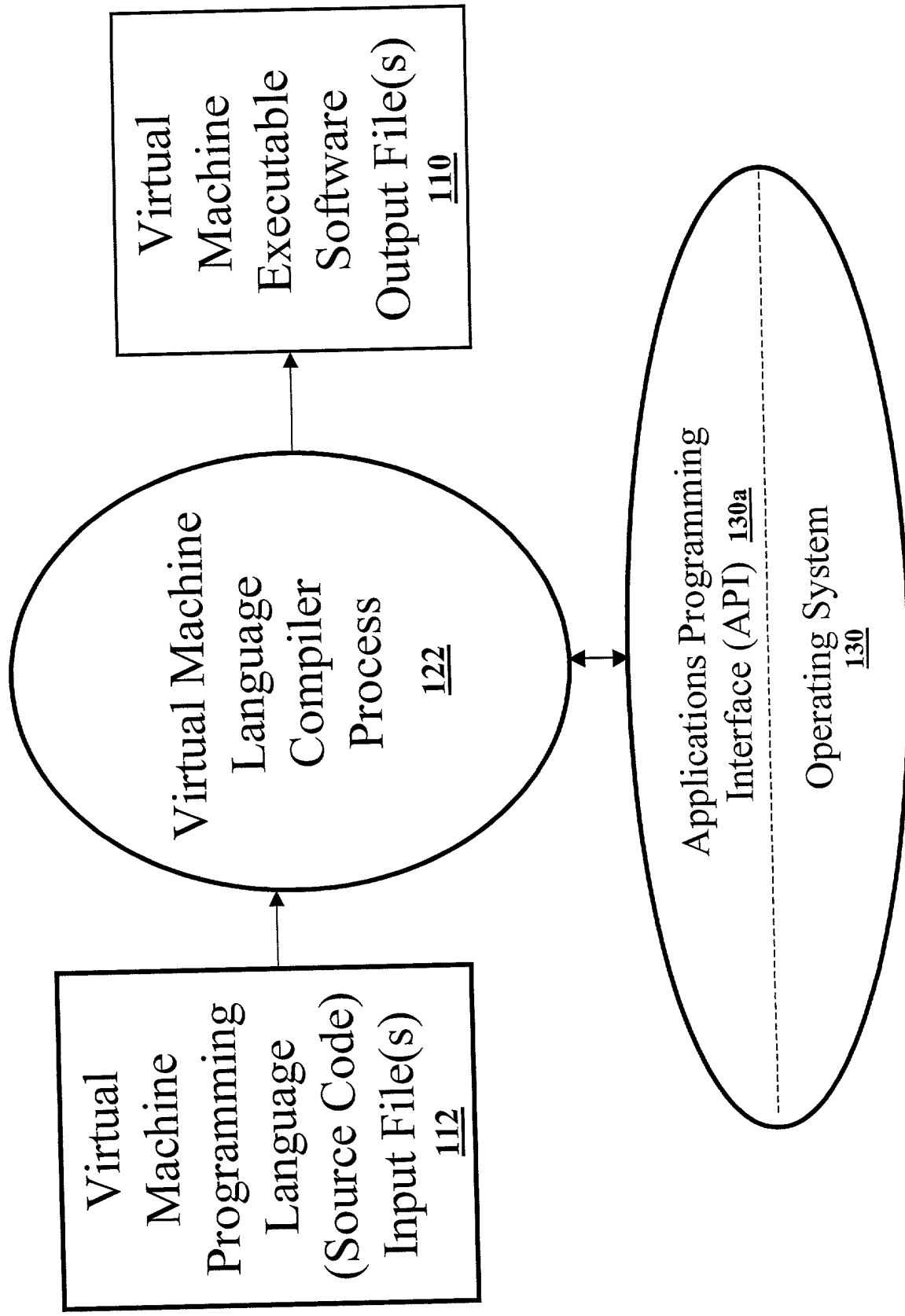


FIG. 1C

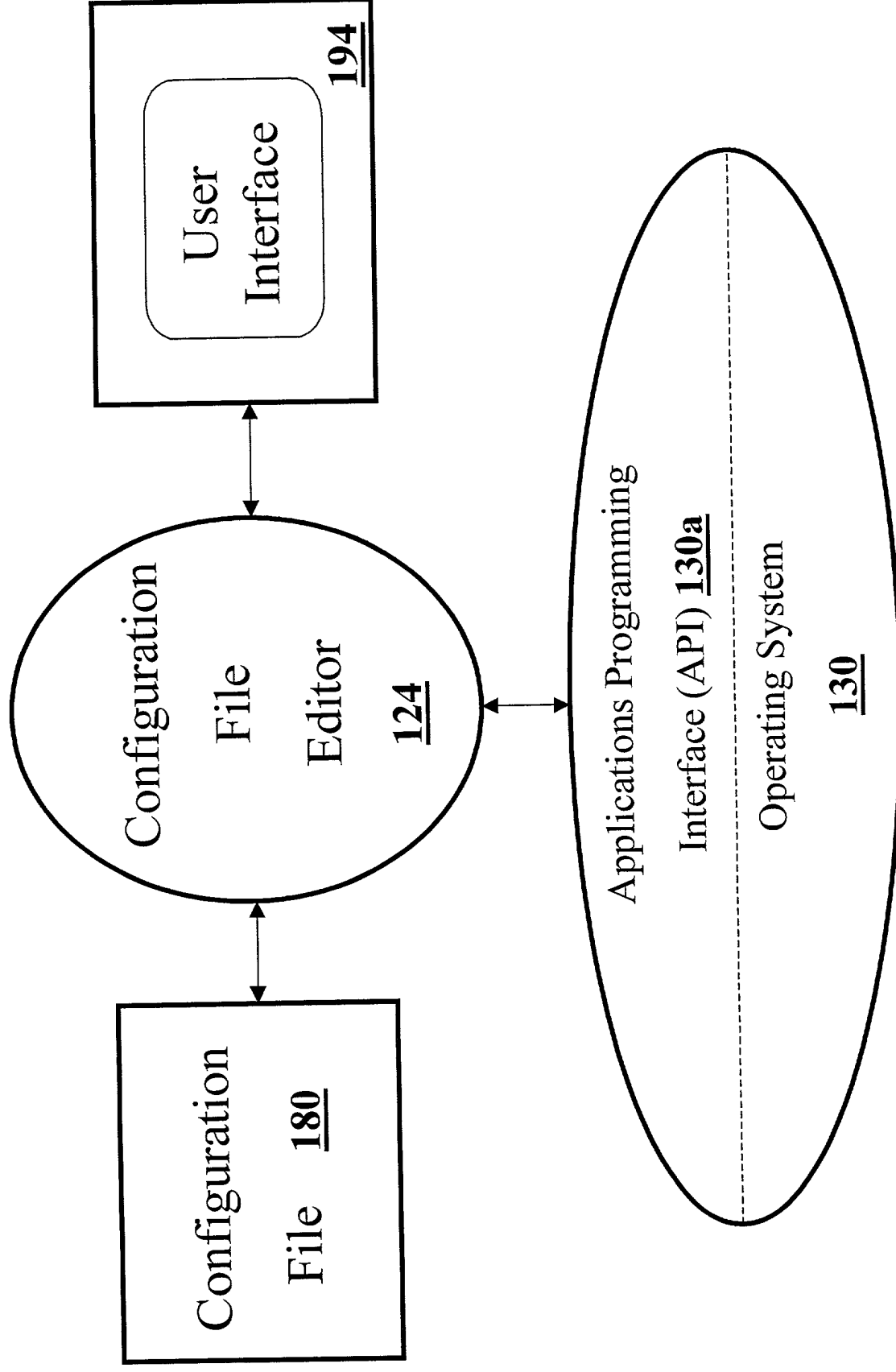


FIG. 2

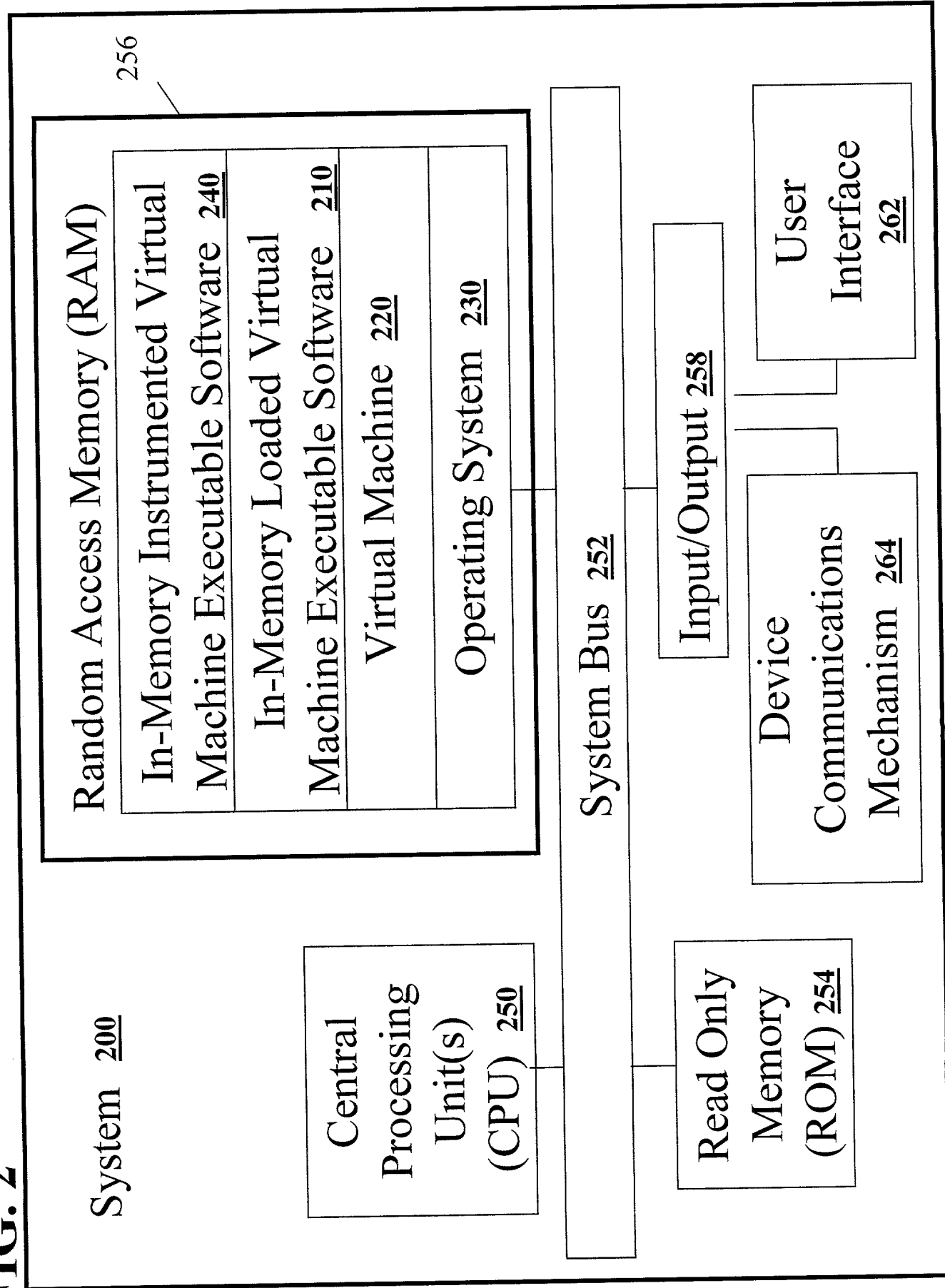


FIG. 3

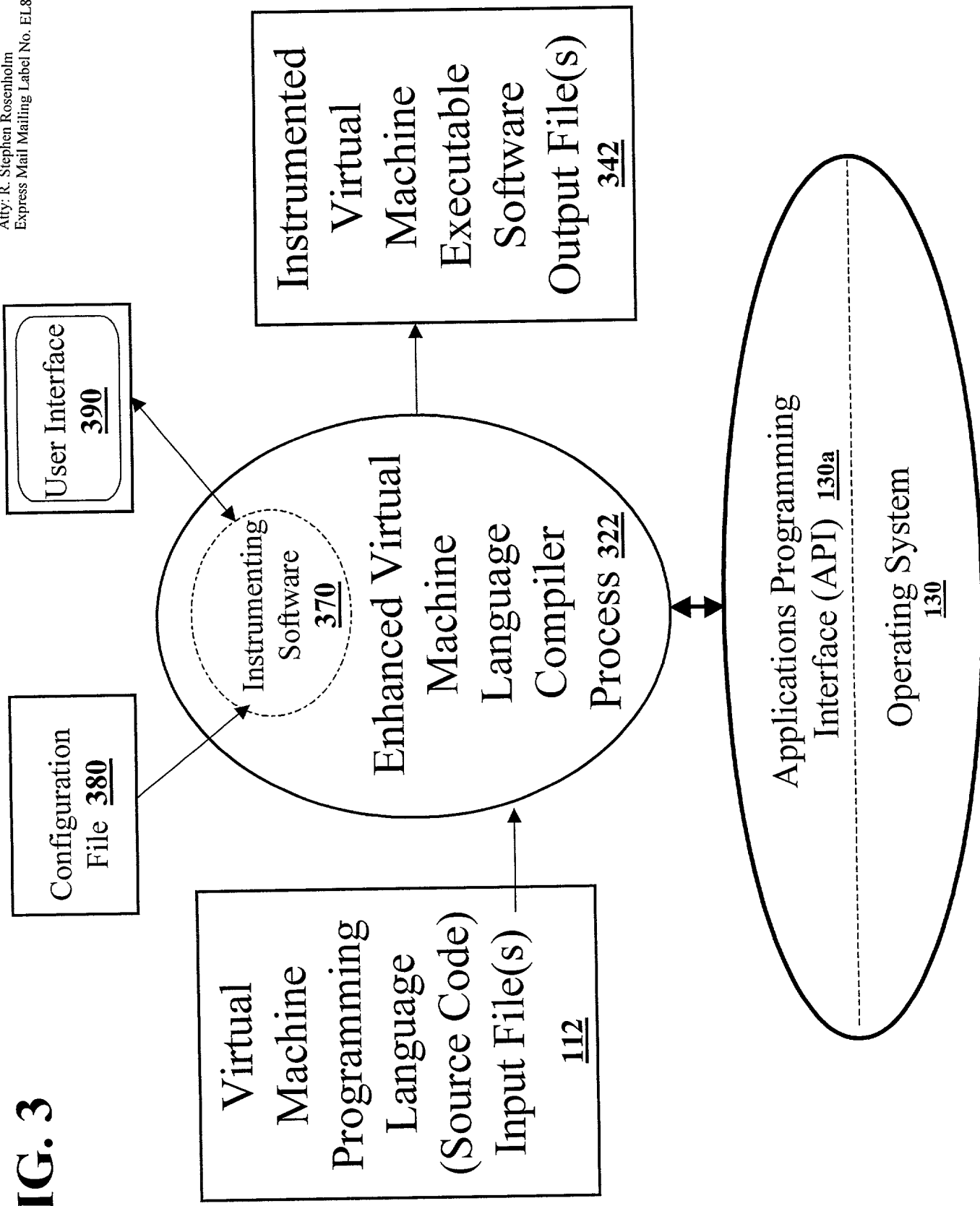


FIG. 3

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**FIG. 4** Class/Object Internal Components

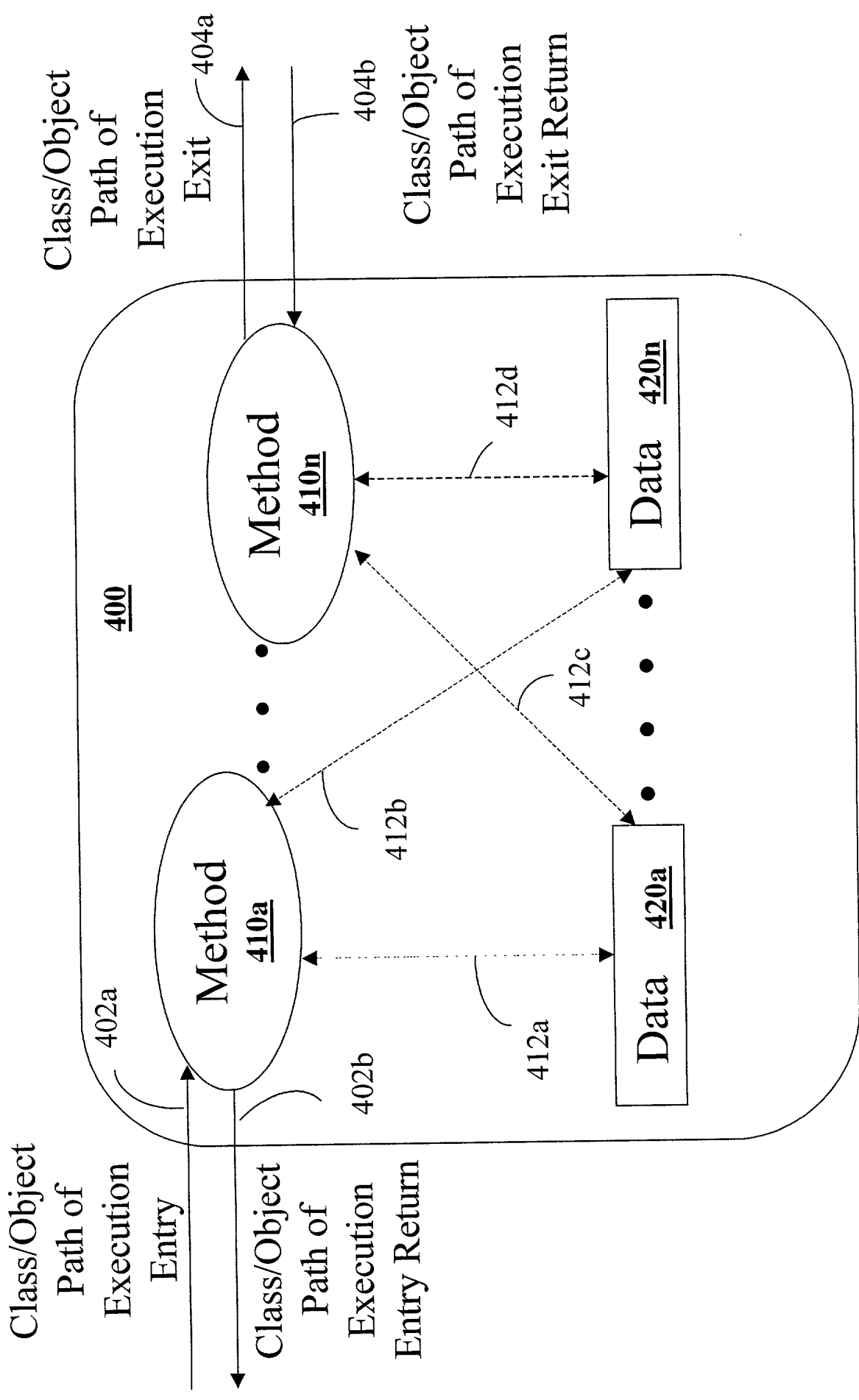
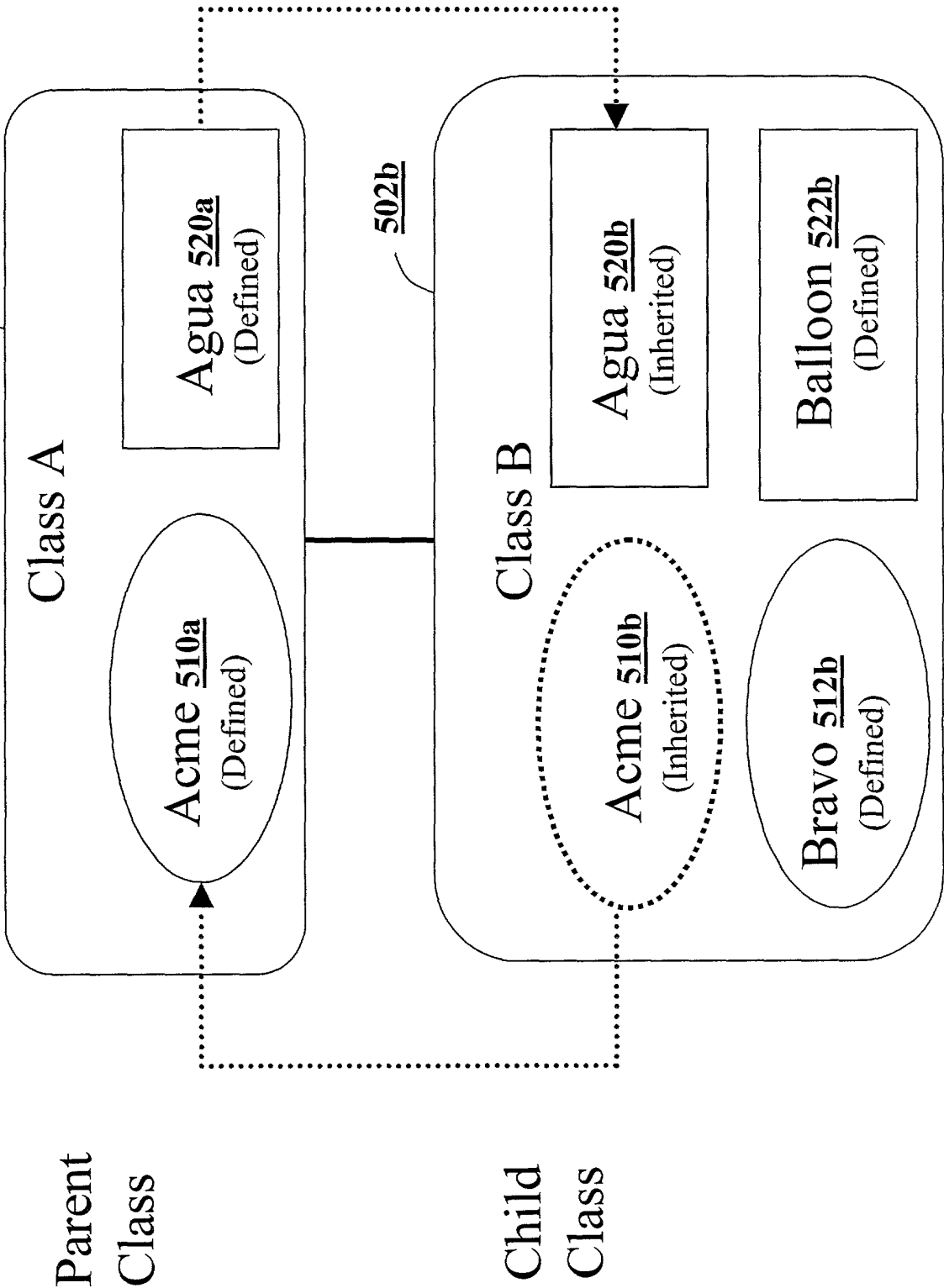


FIG. 5

Class Inheritance



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CLASSIFICATION

**FIG. 6 Fully Inherited Method Invocation**

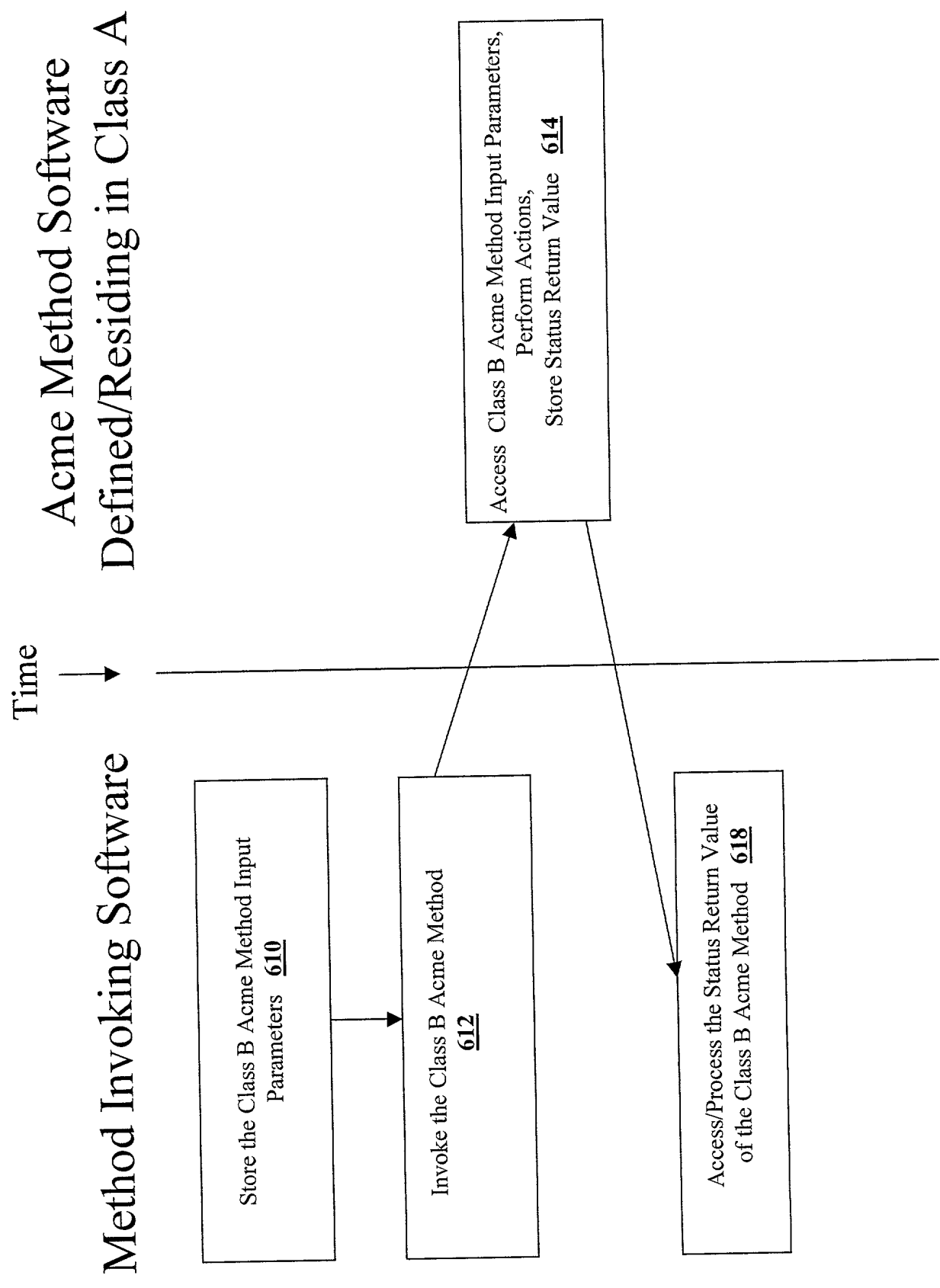
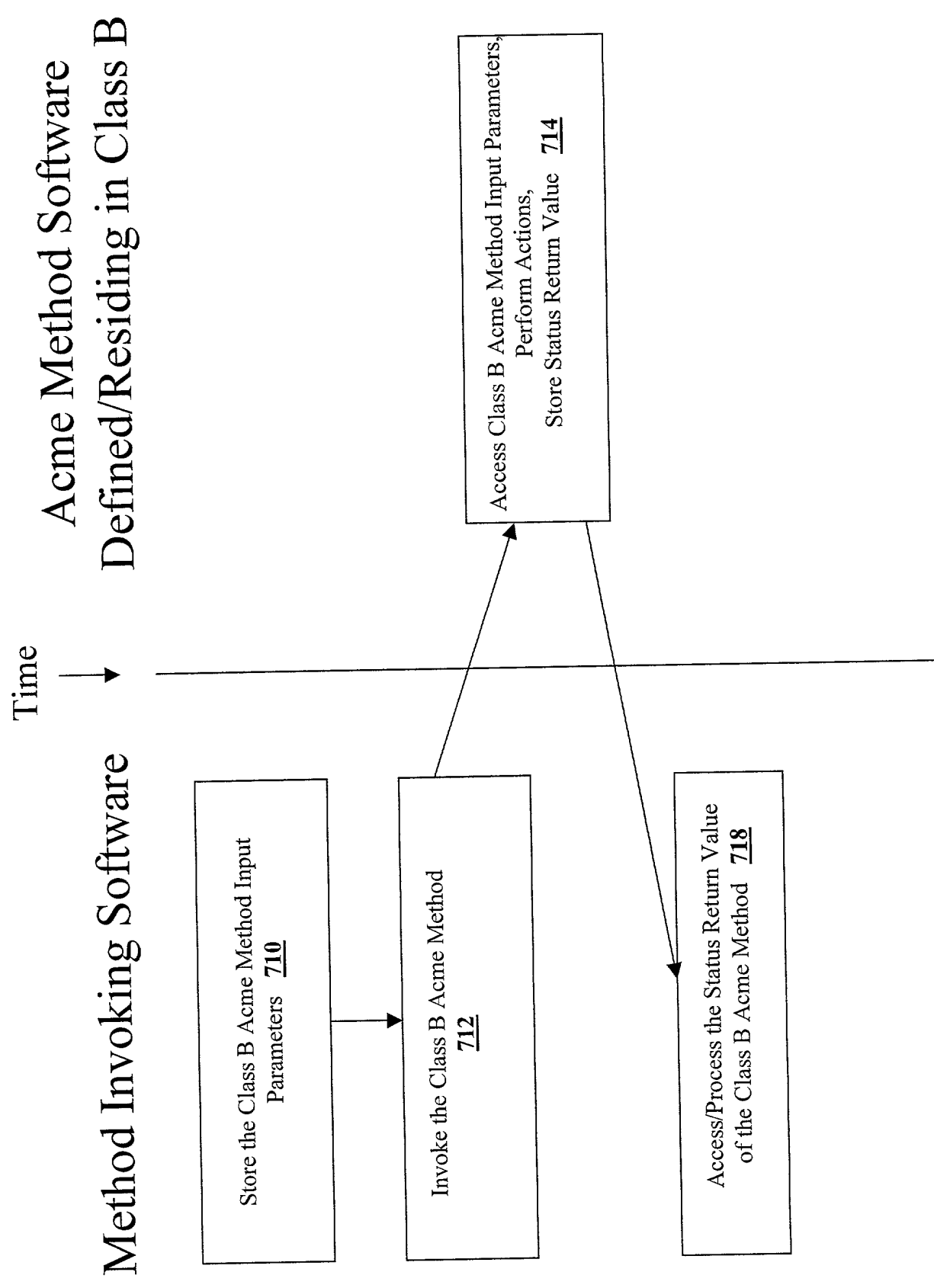




FIG. 7

FIG. 7 Fully Overridden Method Invocation



Patented 03/06/2000

FIG. 8 Partially Overridden Method Invocation

Time

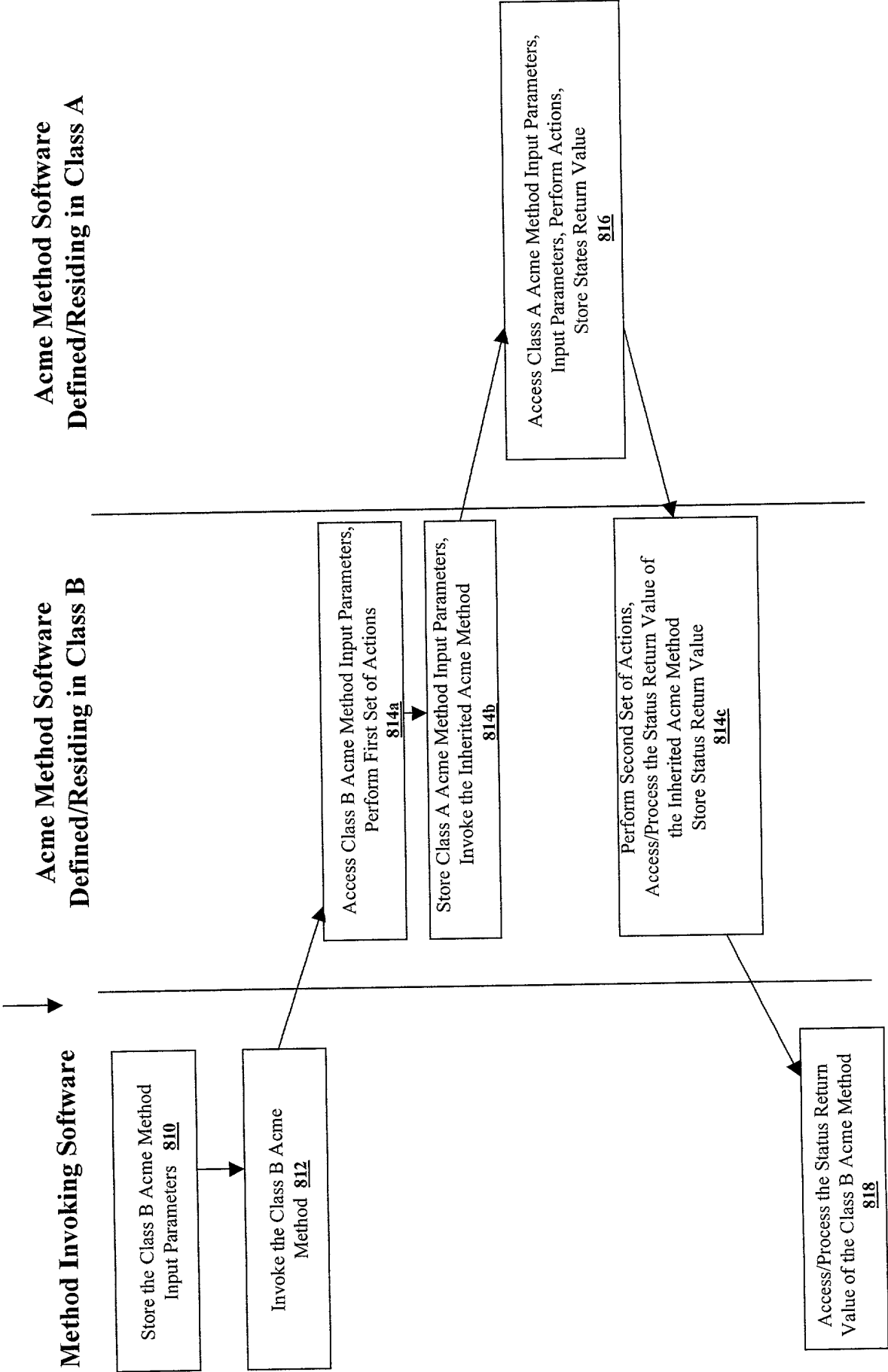


FIG. 9 Class Interceptor Instrumentation

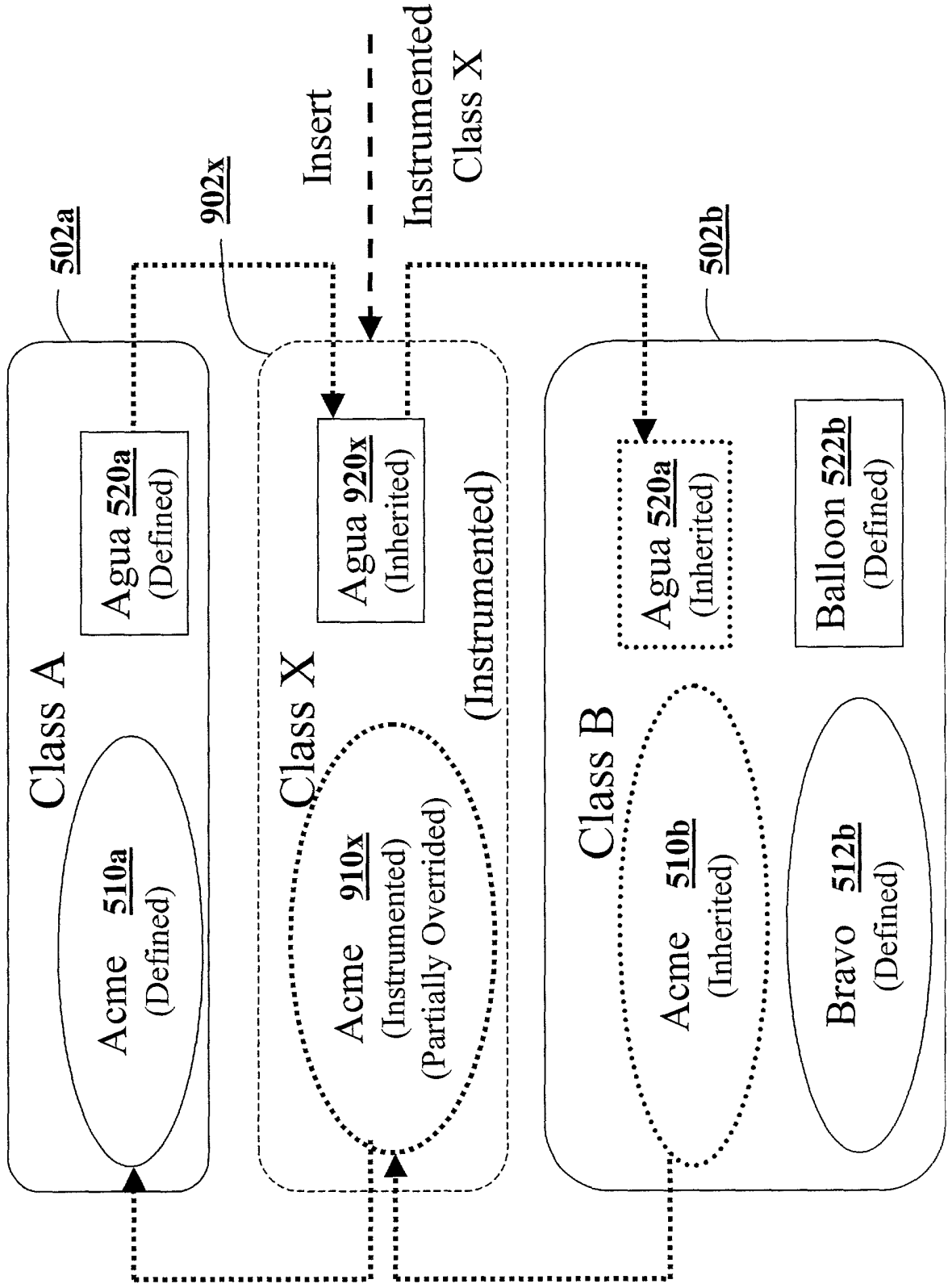
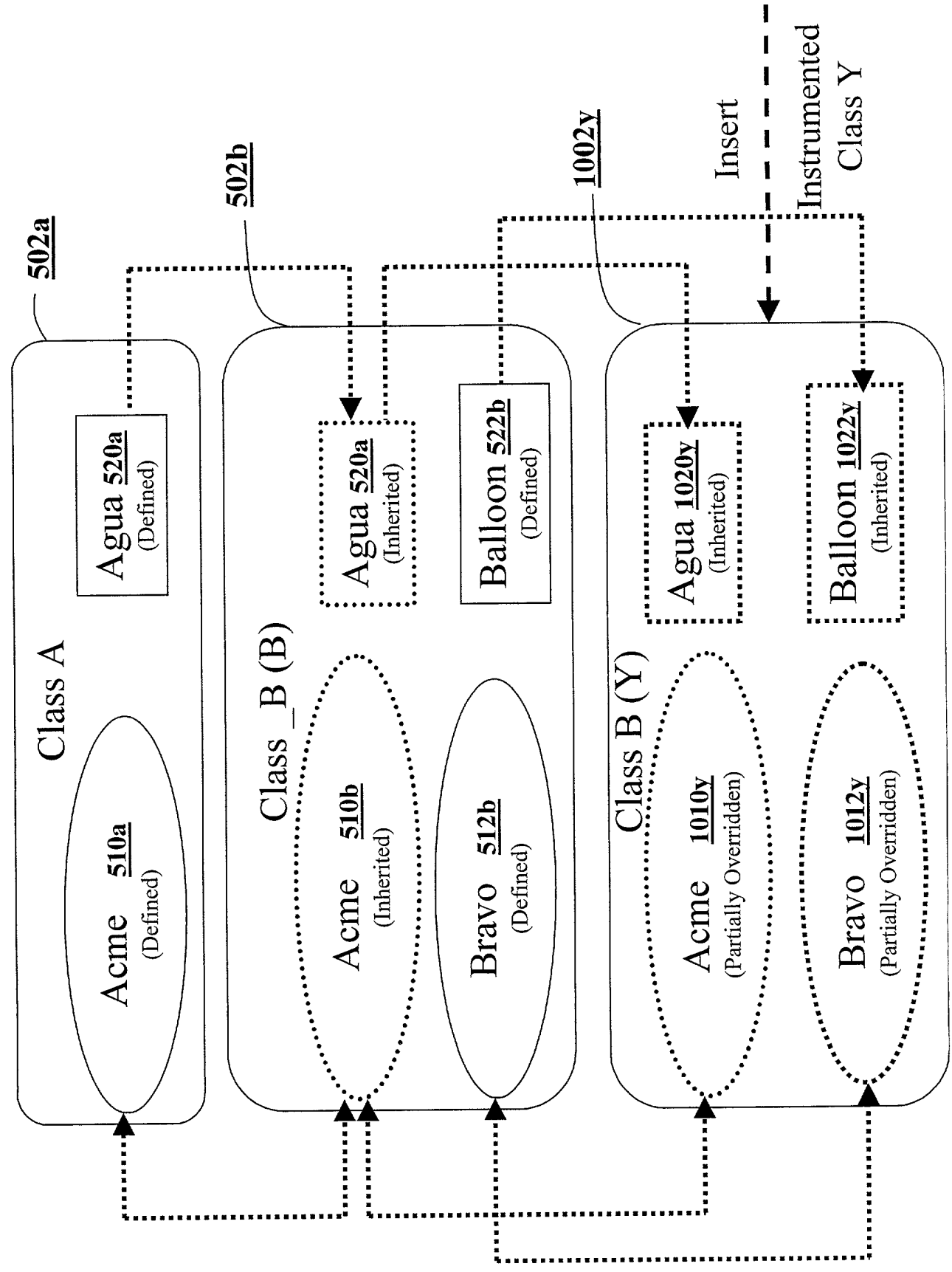
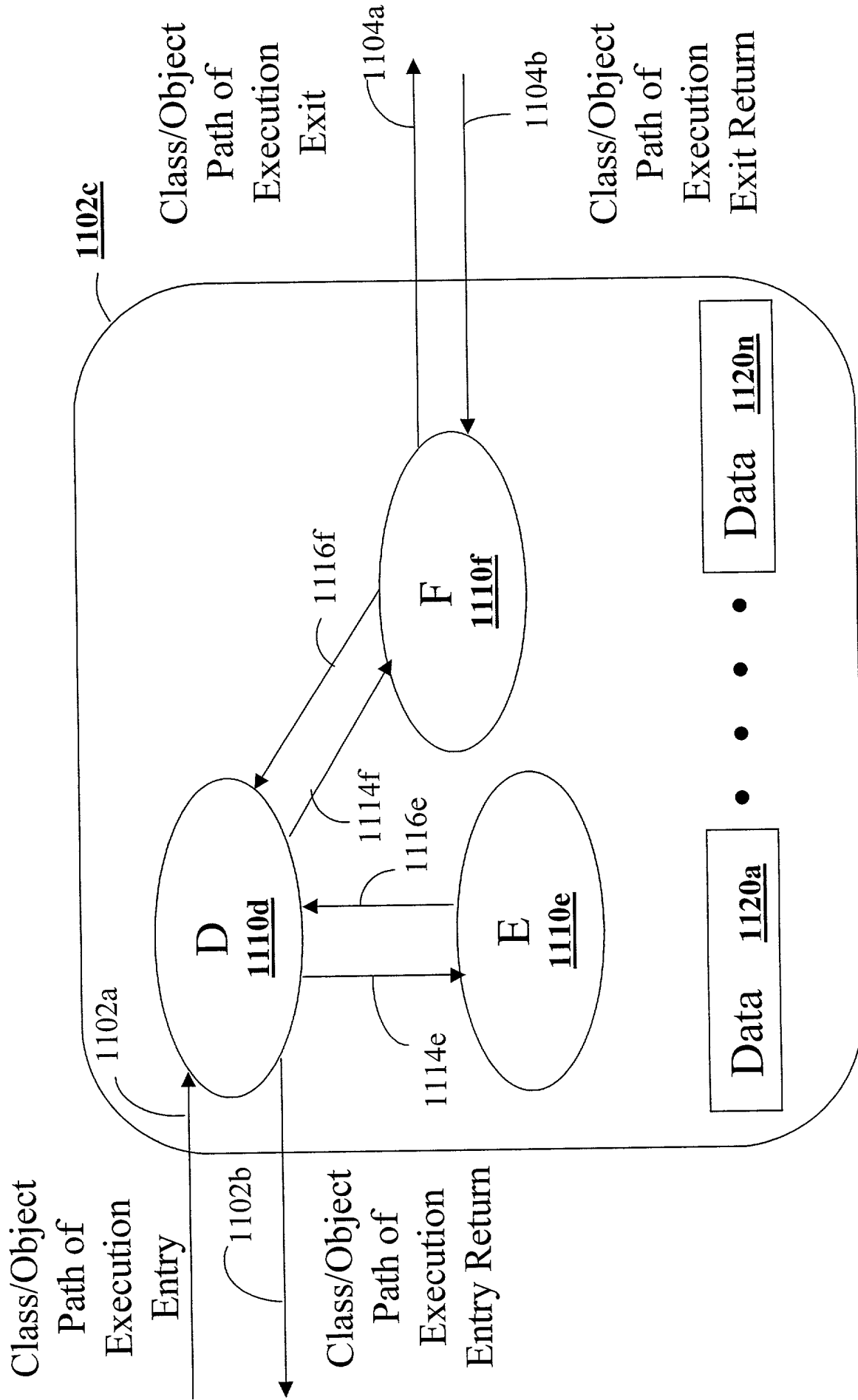


FIG. 10 Class Doppelganger Instrumentation



Patented 03/26/2008

FIG. 11 Class C Internal Components



**FIG. 12** Method Hijacking Instrumentation  
 Class Z Internal Components

